

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.

09772815_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09772815 on May 14, 2002

23 604/892.1 (20 OR, 3 XR)
 Class 604 : SURGERY
 604/890.1 CONTROLLED RELEASE THERAPEUTIC DEVICE OR SYSTEM

604/892.1 .Osmotic or diffusion pumped device or system

6 424/473 (3 OR, 3 XR)
 Class 424 : DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS
 424/400 PREPARATIONS CHARACTERIZED BY SPECIAL PHYSICAL FORM
 424/464 .Tablets, lozenges, or pills
 424/468 ..Sustained or differential release type
 424/472 ...Layered unitary dosage forms
 424/473With porous, perforated, apertured, or sieved layer (e.g., dialyzing layer, microporous layer, etc.)

6 604/131 (3 OR, 3 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)
 604/48 .Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously other than by diffusing through skin
 604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body
 604/131 ...Treating material forced into or out of body by self-acting fluid pressure, motor-driven, or mechanical energy storing means (e.g., pressure infusion or aspiration, etc.)

09772815_CLSTITLES

5 604/141 (2 OR, 3 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)
 604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed subcutaneously
 other than by diffusing through skin
 604/93.01 ..Material introduced or removed through
 conduit, holder, or implantable reservoir inserted in body
 604/131 ...Treating material forced into or out of body
 by self-acting fluid pressure, motor-driven, or mechanical
 energy storing means (e.g., pressure infusion or
 aspiration, etc.)
 604/140Material impelled by pressurized charge of
 gas or vacuum
 604/141Material impelled by means (e.g.,
 diaphragm, piston) moved by gas or vacuum pressure

3 165/104.22 (1 OR, 2 XR)
 Class 165 : HEAT EXCHANGE
 165/104.11 INTERMEDIATE FLUENT HEAT EXCHANGE MATERIAL
 RECEIVING AND DISCHARGING HEAT
 165/104.19 .Liquid fluent heat exchange material
 165/104.21 ..Utilizing change of state
 165/104.22 ...Including means to move heat exchange
 material in liquid state

3 222/389 (0 OR, 3 XR)
 Class 222 : DISPENSING
 222/251 WITH DISCHARGE ASSISTANT (E.G., IMPELLER, PUMP,
 CONVEYER, MOVABLE TRAP CHAMBER, ETC.)
 222/386 .Container with follower
 222/389 ..Fluid pressure actuated

3 222/95 (1 OR, 2 XR)
 Class 222 : DISPENSING

09772815_CLSTITLES

222/92 COLLAPSIBLE WALL-TYPE CONTAINER
222/95 .With wall-collapsing means

2 128/832 (0 OR, 2 XR)
Class 128 : SURGERY
128/830 FEMALE REPRODUCTORY TRACT SHIELDS, SUPPORTS, O
R
BIRTH CONTROL DEVICES (E.G., PESSARIES, CO
NTRACEPTIVE
DEVICES)

128/832 .With contraceptive, spermicidal, or
antifertility agent

2 210/644 (1 OR, 1 XR)
Class 210 : LIQUID PURIFICATION OR SEPARATION
210/600 PROCESSES
210/634 .Liquid/liquid solvent or colloidal extraction
or diffusing or passing through septum sel
ective as to
material of a component of liquid; such di
ffusing or
passing being effected by other than only
an ion exchange
or sorption process
210/644 ..Diffusing or passing through septum selectiv
e
as to material of a component in liquid/liq
uid solvent or
colloidal extraction

2 222/105 (0 OR, 2 XR)
Class 222 : DISPENSING
222/92 COLLAPSIBLE WALL-TYPE CONTAINER
222/105 .With casing or support

2 417/207 (0 OR, 2 XR)
Class 417 : PUMPS
417/207 BY HEATING OF PUMPED FLUID

2 417/208 (0 OR, 2 XR)
Class 417 : PUMPS
417/207 BY HEATING OF PUMPED FLUID
417/208 .Vapor generator type

2 424/422 (0 OR, 2 XR)
Class 424 : DRUG, BIO-AFFECTING AND BODY TREATING
COMPOSITIONS
424/400 PREPARATIONS CHARACTERIZED BY SPECIAL PHYSICAL

09772815_CLSTITLES

FORM

424/422 .Implant or insert

2 424/424 (1 OR, 1 XR)

Class 424 : DRUG, BIO-AFFECTING AND BODY TREATING
COMPOSITIONS

424/400 PREPARATIONS CHARACTERIZED BY SPECIAL PHYSICAL
FORM

424/422 .Implant or insert

424/423 ..Surgical implant or material

424/424 ...Membrane or diffusion barrier

2 424/427 (1 OR, 1 XR)

Class 424 : DRUG, BIO-AFFECTING AND BODY TREATING
COMPOSITIONS

424/400 PREPARATIONS CHARACTERIZED BY SPECIAL PHYSICAL
FORM

424/422 .Implant or insert

424/427 ..Ocular

2 424/436 (1 OR, 1 XR)

Class 424 : DRUG, BIO-AFFECTING AND BODY TREATING
COMPOSITIONS

424/400 PREPARATIONS CHARACTERIZED BY SPECIAL PHYSICAL
FORM

424/422 .Implant or insert

424/434 ..Mucosal (e.g., nasal, etc.)

424/436 ...Anal, rectal (e.g., suppositories, etc.)

2 426/425 (1 OR, 1 XR)

Class 426 : FOOD OR EDIBLE MATERIAL: PROCESSES,
COMPOSITIONS, AND PRODUCTS

426/665 PROCESSES

426/425 .Extraction utilizing liquid as extracting
medium

2 604/151 (0 OR, 2 XR)

Class 604 : SURGERY

604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FRO

M BODY FOR THERAPEUTIC PURPOSES (E.G., ME

DICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
from body orifice, or inserted or remove

d subcutaneously other than by diffusing through skin

604/93.01 ..Material introduced or removed through

09772815_CLSTITLES

conduit, holder, or implantable reservoir
 inserted in body

604/131 ...Treating material forced into or out of body
 by self-acting fluid pressure, motor-driven, or mechanical
 energy storing means (e.g., pressure infusion or
 aspiration, etc.)

604/151Material impelled by pump

2 604/153 (0 OR, 2 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed subcutaneously
 other than by diffusing through skin

604/93.01 ..Material introduced or removed through
 conduit, holder, or implantable reservoir inserted in body

604/131 ...Treating material forced into or out of body
 by self-acting fluid pressure, motor-driven, or mechanical
 energy storing means (e.g., pressure infusion or
 aspiration, etc.)

604/151Material impelled by pump
 604/153Deformable resilient chamber type

2 604/218 (0 OR, 2 XR)
 Class 604 : SURGERY
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
 BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING,
 IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
 from body orifice, or inserted or removed subcutaneously
 other than by diffusing through skin

09772815_CLSTITLES

604/93.01 ..Material introduced or removed through
conduit, holder, or implantable reservoir
r inserted in body

604/181 ...Means moved by person to inject or remove
conduit, holder, fluent material to or from body inserted
or reservoir

604/187Injector or aspirator syringe supported
hypodermic only by person during use (e.g., hand held
syringe, douche tube with forced injection
, etc.)

604/218With piston or plunger for expelling
material from body or injector reservoir

2 604/410 (0 OR, 2 XR)
Class 604 : SURGERY
604/403 CONTAINER FOR BLOOD OR BODY TREATING MATERIAL,
PIERCING OR MEANS USED THEREWITH (E.G., NEEDLE FOR
CONTAINER CLOSURE, ETC.)

604/408 .Bag type
604/410 ..Plural compartments or bags

2 604/87 (0 OR, 2 XR)
Class 604 : SURGERY
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM
M BODY FOR THERAPEUTIC PURPOSES (E.G., MED
ICATING, IRRIGATING, ASPIRATING, ETC.)

604/48 .Treating material introduced into or removed
subcutaneously from body orifice, or inserted or removed
other than by diffusing through skin

604/82 ..Means for intermixing liquid with solid or
different liquid

604/87 ...Means broken, cut, pierced or torn to permit
t mixing

2 604/890.1 (2 OR, 0 XR)
Class 604 : SURGERY
604/890.1 CONTROLLED RELEASE THERAPEUTIC DEVICE OR SYSTEM
M

09772815 CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 09772815 on May 14, 2002

Original Classifications

20 604/892.1
3 424/473
3 604/131
2 604/141
2 604/890.1

Cross-Reference Classifications

3 222/389
3 424/473
3 604/131
3 604/141
3 604/892.1
2 128/832
2 165/104.22
2 222/105
2 222/95
2 417/207
2 417/208
2 424/422
2 604/151
2 604/153
2 604/218
2 604/410
2 604/87

Combined Classifications

23 604/892.1
6 424/473
6 604/131
5 604/141
3 165/104.22
3 222/389
3 222/95
2 128/832
2 210/644
2 222/105
2 417/207
2 417/208
2 424/422
2 424/424
2 424/427
2 424/436
2 426/425

09772815_CLS

2 604/151
2 604/153
2 604/218
2 604/410
2 604/87
2 604/890.1